

CHANNEL			VALUE	FUNCTION
27ch	139ch	19+ch		
			19+ ch (Controlled by DMX)	
1	1	1	000-255	PAN 0°→540°
2	2	2	000-255	PAN FINE
3	3	3	000-255	TILT 0°→210°
4	4	4	000-255	TILT FINE
5	5	5	000-255	PAN/TILT SPEED Fast to Slow
6	6	6	000-255	DIMMER (BEAM & WASH) 0%→100%
7	7	7	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	BEAM STROBE Close Open Strobe from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Random Strobe from Slow to Fast Open
8	8	8	000-007 008-015 016-131 132-139 140-181 182-189 190-231 232-239 240-247 248-255	WASH STROBE Close Open Strobe from Slow to Fast Open Slow Open Fast Close from Slow to Fast Open Fast Open Slow Close from Slow to Fast Open Random Strobe from Slow to Fast Open
9	9	9	000-009 010-019 020-029 030-039 040-049	SPECIAL FUNCTION Null Null Null Dimmer Curve: Linear Dimmer Curve: Square Law

			050-059	Dimmer Curve: Inv SQ Law
			060-069	Dimmer Curve: S Curve
			070-079	Null
			080-089	Null
			090-099	Null
			100-109	Led Frequency Setting Enable
			110-119	Led Frequency Setting Disable
			120-122	Null
			123	900Hz
			124	1000Hz
			125	1100Hz
			126	1200Hz
			127	1300Hz
			128	1400Hz
			129	1500Hz
			130	2500Hz
			131	4000Hz
			132	5000Hz
			133	6000Hz
			134	10KHz
			135	15KHz
			136	20KHz
			137	25KHz
			138-139	Null
			140-149	Pan/Tilt Reset
			150-159	Effect Reset
			160-169	Color Calibration: On
			170-179	Color Calibration: Off
			180-189	Calibration Mode: High CRI
			190-199	Calibration Mode: High Output
			200-209	All Reset
			210-219	Dimmer Speed: Fast
			220-229	Dimmer Speed: Smooth
			230-231	Gobo Short Cut: Enable
			232-233	Gobo Short Cut: Disable
			234-235	Color Short Cut: Enable
			236-237	Color Short Cut: Disable
			238-239	Null
			240-245	Cooling Mode: Silent
			246-251	Cooling Mode: Auto
			252-255	Null
10	10	10	000-255	BEAM DIMMER 0%→100%
11	11	11		BEAM COLOR WHEEL

		000-007	Open
		008-011	Color 1
		012-015	Color 2
		016-019	Color 3
		020-023	Color 4
		024-027	Color 5
		028-031	Color 6
		032-039	Color 7
		040-043	Color 8
		044-047	Color 9
		048-051	Color 10
		052-055	Color 11
		056-059	Color 12
		060-063	Color 13
		64	Open
		65	Open+Color 1
		66	Color 1
		67	Color 1+Color 2
		68	Color 2
		69	Color 2+Color 3
		70	Color 3
		71	Color 3+Color 4
		72	Color 4
		73	Color 4+Color 5
		74	Color 5
		75	Color 5+Color 6
		76	Color 6
		77	Color 6+Color 7
		78	Color 7
		79	Color 7+Color 8
		80	Color 8
		81	Color 8+Color 9
		82	Color 9
		83	Color 9+Color 10
		84	Color 10
		85	Color 10+Color 11
		86	Color 11
		87	Color 11+Color 12
		88	Color 12
		89	Color 12+Color 13
		90	Color 13
		91-127	Open
		128-189	Clockwise Rotation, Fast to Slow
		190-193	Stop

			194-255	Counter-Clockwise Rotation, Slow to Fast
12	12	12	000-007	BEAM GOBO WHEEL Open
			008-013	Gobo 1
			014-019	Gobo 2
			020-025	Gobo 3
			026-031	Gobo 4
			032-037	Gobo 5
			038-043	Gobo 6
			044-049	Gobo 7
			050-055	Gobo 8
			056-063	Gobo 9
			064-070	Gobo 1 Shaking, Slow to Fast
			071-077	Gobo 2 Shaking, Slow to Fast
			078-084	Gobo 3 Shaking, Slow to Fast
			085-091	Gobo 4 Shaking, Slow to Fast
			092-098	Gobo 5 Shaking, Slow to Fast
			099-105	Gobo 6 Shaking, Slow to Fast
			106-112	Gobo 7 Shaking, Slow to Fast
113-119	Gobo 8 Shaking, Slow to Fast			
120-127	Gobo 9 Shaking, Slow to Fast			
128-189	Counter-Clockwise Rotation, Fast to Slow			
190-193	Stop			
194-255	Clockwise Rotation, Slow to Fast			
13	13	13	000-007	BEAM PRISMS Open
			008-090	8-facets prism
			091-173	16-facets prism
			174-255	8-facets prism + 16-facets prism
14	14	14	000-127	BEAM 8-FACETS PRISM ROTATION Index, 0°→360°
			128-189	Counter-Clockwise Rotation, Fast to Slow
			190-193	Stop
			194-255	Clockwise Rotation, Slow to Fast
15	15	15	000-127	BEAM 16-FACETS PRISM ROTATION Index, 0°→360°
			128-189	Counter-Clockwise Rotation, Fast to Slow
			190-193	Stop
			194-255	Clockwise Rotation, Slow to Fast
16	16	16	000-007	BEAM FROST Close
			008-255	Open
17	17	17		BEAM FOCUS

			000-255	0%→100%
18	18	18	000-255	BEAM FOCUS FINE
19	19	19	000-255	WASH ZOOM Narrow→Wide
20			000-255	WASH RED 0%→100%
21			000-255	WASH GREEN 0%→100%
22			000-255	WASH BLUE 0%→100%
23			000-255	WASH WHITE 0%→100%
24			000	WASH CCT Null
			001-004	8000K
			005-009	7900K
			010-013	7800K
			014-018	7700K
			019-022	7600K
			023-027	7500K
			028-031	7400K
			032-036	7300K
			037-040	7200K
			041-045	7100K
			046-049	7000K
			050-054	6900K
			055-058	6800K
			059-063	6700K
			064-067	6600K
			068-072	6500K
			073-076	6400K
			077-081	6300K
			082-085	6200K
			086-090	6100K
091-094	6000K			
095-099	5900K			
100-103	5800K			
104-108	5700K			
109-112	5600K			
113-117	5500K			
118-121	5400K			
122-126	5300K			

			127-130	5200K
			131-135	5100K
			136-139	5000K
			140-144	4900K
			145-148	4800K
			149-153	4700K
			154-157	4600K
			158-162	4500K
			163-166	4400K
			167-171	4300K
			172-175	4200K
			176-180	4100K
			181-184	4000K
			185-189	3900K
			190-193	3800K
			194-198	3700K
			199-202	3600K
			203-207	3500K
			208-211	3400K
			212-216	3300K
			217-220	3200K
			221-225	3100K
			226-229	3000K
			230-234	2900K
			235-238	2800K
			239-243	2700K
			244-247	2600K
			248-255	2500K
				WASH COLOR MACRO
			000-007	Null
			008-015	Color 1
			016-023	Color 2
			024-031	Color 3
			032-039	Color 4
			040-047	Color 5
			048-055	Color 6
			056-063	Color 7
			064-071	Color 8
			072-079	Color 9
			080-087	Color 10
			088-095	Color 11
			096-103	Color 12
			104-111	Color 13
			112-119	Color 14
25				

			120-127	Color 15
			128-135	Color 16
			136-143	Color 17
			144-151	Color 18
			152-159	Color 19
			160-167	Color 20
			168-175	Color 21
			176-183	Color 22
			184-191	Color 23
			192-199	Color 24
			200-207	Color 25
			208-215	Color 26
			216-223	Color 27
			224-231	Color 28
			232-239	Color 29
			240-247	Color 30
			248-255	Color 31
26				WASH EFFECT SELECT
			000-007	Null
			008-015	Ring 1 (outer ring)
			016-023	Ring 2 (inner ring)
			024-031	Built-in Effect 1
			032-039	Built-in Effect 2
			040-047	Built-in Effect 3
			048-055	Built-in Effect 4
			056-063	Built-in Effect 5
			064-071	Built-in Effect 6
			072-079	Built-in Effect 7
			080-087	Built-in Effect 8
			088-095	Built-in Effect 9
			096-103	Built-in Effect 10
			104-111	Built-in Effect 11
			112-119	Built-in Effect 12
			120-127	Built-in Effect 13
			128-135	Built-in Effect 14
			136-143	Built-in Effect 15
			144-151	Built-in Effect 16
			152-159	Built-in Effect 17
			160-167	Built-in Effect 18
			168-175	Built-in Effect 19
		176-183	Built-in Effect 20	
		184-191	Built-in Effect 21	
		192-199	Built-in Effect 22	
		200-207	Built-in Effect 23	

			208-215 216-223 224-229 230-237 238-245 246-255	Built-in Effect 24 Built-in Effect 25 Built-in Effect 26 Rainbow 1 (inner ring) Rainbow 2 (outer ring) Rainbow 3 (inner ring + outer ring)
27			000 001-127 128 129-255	WASH EFFECT SPEED Null Slow to Fast without Fade Null Slow to Fast with Fade
		19+ ch (Controlled by Art-Net)		
	20	1	000-255	WASH RED 1 0%→100%
	21	2	000-255	WASH GREEN 1 0%→100%
	22	3	000-255	WASH BLUE 1 0%→100%
	23	4	000-255	WASH WHITE 1 0%→100%
	24	5	000-255	WASH RED 2 0%→100%
	25	6	000-255	WASH GREEN 2 0%→100%
	26	7	000-255	WASH BLUE 2 0%→100%
	27	8	000-255	WASH WHITE 2 0%→100%
	28	9	000-255	WASH RED 3 0%→100%
	29	10	000-255	WASH GREEN 3 0%→100%
	30	11	000-255	WASH BLUE 3 0%→100%
	31	12	000-255	WASH WHITE 3 0%→100%
	32	13	000-255	WASH RED 4 0%→100%
	33	14	000-255	WASH GREEN 4 0%→100%
	34	15		WASH BLUE 4

			000-255	0%→100%
	35	16	000-255	WASH WHITE 4 0%→100%
	36	17	000-255	WASH RED 5 0%→100%
	37	18	000-255	WASH GREEN 5 0%→100%
	38	19	000-255	WASH BLUE 5 0%→100%
	39	20	000-255	WASH WHITE 5 0%→100%
	40	21	000-255	WASH RED 6 0%→100%
	41	22	000-255	WASH GREEN 6 0%→100%
	42	23	000-255	WASH BLUE 6 0%→100%
	43	24	000-255	WASH WHITE 6 0%→100%
	44	25	000-255	WASH RED 7 0%→100%
	45	26	000-255	WASH GREEN 7 0%→100%
	46	27	000-255	WASH BLUE 7 0%→100%
	47	28	000-255	WASH WHITE 7 0%→100%
	48	29	000-255	WASH RED 8 0%→100%
	49	30	000-255	WASH GREEN 8 0%→100%
	50	31	000-255	WASH BLUE 8 0%→100%
	51	32	000-255	WASH WHITE 8 0%→100%
	52	33	000-255	WASH RED 9 0%→100%
	53	34	000-255	WASH GREEN 9 0%→100%
	54	35	000-255	WASH BLUE 9 0%→100%

	55	36	000-255	WASH WHITE 9 0%→100%
	56	37	000-255	WASH RED 10 0%→100%
	57	38	000-255	WASH GREEN 10 0%→100%
	58	39	000-255	WASH BLUE 10 0%→100%
	59	40	000-255	WASH WHITE 10 0%→100%
	60	41	000-255	WASH RED 11 0%→100%
	61	42	000-255	WASH GREEN 11 0%→100%
	62	43	000-255	WASH BLUE 11 0%→100%
	63	44	000-255	WASH WHITE 11 0%→100%
	64	45	000-255	WASH RED 12 0%→100%
	65	46	000-255	WASH GREEN 12 0%→100%
	66	47	000-255	WASH BLUE 12 0%→100%
	67	48	000-255	WASH WHITE 12 0%→100%
	68	49	000-255	WASH RED 13 0%→100%
	69	50	000-255	WASH GREEN 13 0%→100%
	70	51	000-255	WASH BLUE 13 0%→100%
	71	52	000-255	WASH WHITE 13 0%→100%
	72	53	000-255	WASH RED 14 0%→100%
	73	54	000-255	WASH GREEN 14 0%→100%
	74	55	000-255	WASH BLUE 14 0%→100%
	75	56		WASH WHITE 14

			000-255	0%→100%
	76	57	000-255	WASH RED 15 0%→100%
	77	58	000-255	WASH GREEN 15 0%→100%
	78	59	000-255	WASH BLUE 15 0%→100%
	79	60	000-255	WASH WHITE 15 0%→100%
	80	61	000-255	WASH RED 16 0%→100%
	81	62	000-255	WASH GREEN 16 0%→100%
	82	63	000-255	WASH BLUE 16 0%→100%
	83	64	000-255	WASH WHITE 16 0%→100%
	84	65	000-255	WASH RED 17 0%→100%
	85	66	000-255	WASH GREEN 17 0%→100%
	86	67	000-255	WASH BLUE 17 0%→100%
	87	68	000-255	WASH WHITE 17 0%→100%
	88	69	000-255	WASH RED 18 0%→100%
	89	70	000-255	WASH GREEN 18 0%→100%
	90	71	000-255	WASH BLUE 18 0%→100%
	91	72	000-255	WASH WHITE 18 0%→100%
	92	73	000-255	WASH RED 19 0%→100%
	93	74	000-255	WASH GREEN 19 0%→100%
	94	75	000-255	WASH BLUE 19 0%→100%
	95	76	000-255	WASH WHITE 19 0%→100%

	96	77	000-255	WASH RED 20 0%→100%
	97	78	000-255	WASH GREEN 20 0%→100%
	98	79	000-255	WASH BLUE 20 0%→100%
	99	80	000-255	WASH WHITE 20 0%→100%
	100	81	000-255	WASH RED 21 0%→100%
	101	82	000-255	WASH GREEN 21 0%→100%
	102	83	000-255	WASH BLUE 21 0%→100%
	103	84	000-255	WASH WHITE 21 0%→100%
	104	85	000-255	WASH RED 22 0%→100%
	105	86	000-255	WASH GREEN 22 0%→100%
	106	87	000-255	WASH BLUE 22 0%→100%
	107	88	000-255	WASH WHITE 22 0%→100%
	108	89	000-255	WASH RED 23 0%→100%
	109	90	000-255	WASH GREEN 23 0%→100%
	110	91	000-255	WASH BLUE 23 0%→100%
	111	92	000-255	WASH WHITE 23 0%→100%
	112	93	000-255	WASH RED 24 0%→100%
	113	94	000-255	WASH GREEN 24 0%→100%
	114	95	000-255	WASH BLUE 24 0%→100%
	115	96	000-255	WASH WHITE 24 0%→100%
	116	97		WASH RED 25

			000-255	0%→100%
	117	98	000-255	WASH GREEN 25 0%→100%
	118	99	000-255	WASH BLUE 25 0%→100%
	119	100	000-255	WASH WHITE 25 0%→100%
	120	101	000-255	WASH RED 26 0%→100%
	121	102	000-255	WASH GREEN 26 0%→100%
	122	103	000-255	WASH BLUE 26 0%→100%
	123	104	000-255	WASH WHITE 26 0%→100%
	124	105	000-255	WASH RED 27 0%→100%
	125	106	000-255	WASH GREEN 27 0%→100%
	126	107	000-255	WASH BLUE 27 0%→100%
	127	108	000-255	WASH WHITE 27 0%→100%
	128	109	000-255	WASH RED 28 0%→100%
	129	110	000-255	WASH GREEN 28 0%→100%
	130	111	000-255	WASH BLUE 28 0%→100%
	131	112	000-255	WASH WHITE 28 0%→100%
	132	113	000-255	WASH RED 29 0%→100%
	133	114	000-255	WASH GREEN 29 0%→100%
	134	115	000-255	WASH BLUE 29 0%→100%
	135	116	000-255	WASH WHITE 29 0%→100%
	136	117	000-255	WASH RED 30 0%→100%

	137	118	000-255	WASH GREEN 30 0%→100%
	138	119	000-255	WASH BLUE 30 0%→100%
	139	120	000-255	WASH WHITE 30 0%→100%

LED PIXEL ZONES:

